

## ABSTRACT

A data-class recommender, such an electronic program guide that recommends television programs, allows  
5 users to modify their implicit profiles using the profiles  
of other users. For example, if a user likes the  
programming choices made by a friend's profile, the user  
can have his/her profile modified by adding parts of the  
friend's profile to his own, either replacing parts or  
10 forming a union of the descriptors that indicated favored  
classes of data. According to an embodiment, features may  
be labeled to allow the modifying user to select the  
specific parts of the friend's profile to use in making the  
modifications. The labeling may be done based on feature-  
15 value scores or categories for which there is a high  
frequency of cross-correlation with other categories in a  
description that defines preferred subject matter, such as  
a specialized description of a version space.